

I claim:

1. A collapsible vehicle safety seat kinematically restraining occupant's body while maintaining the propulsive characteristics and extending the time reaction of the seat and its occupants to the impact by acting in isolation from a colliding vehicle, the seat comprising, in combination:

a movable seat cushion interacting with an actuator pivot frame and a movable internal seat cushion frame;

a movable seat back and headrest interacting with a movable internal seat back frame and an upper movable link;

a stationary internal seat frame engaged with said movable seat frame allowing vertical rotation;

an actuator guide pivot frame interconnecting said movable seat frame;

an electronically activated trigger for vertical movement of said actuator pivot frame;

a support structure interconnecting said movable seat frame by a lower and upper pivot pin and a movable bolt actuator frame;

a guide slot interposed on the both sides of said support structure for movable bolt travel;

an actuator spring fixedly secured on a bracket;

an encapsulated support structure bottom plate cooperative with a plurality of isolation pans containing a

resilient material, said plurality of isolation pans attached to a seat adjusting mechanism.

2. The collapsible seat in accordance with Claim 1 wherein said automatically activation means comprises an electronically operated actuator allowing said seat cushion said seat back and said headrest instant vertical movement from a stationary to a deployed position in reaction to an impact creating a zone restraining said occupants kinematics.

3. The collapsible seat in accordance with Claim 2, wherein said electronically operated actuator means comprises a car crash sensor and collision avoidance feature automatically activating said actuator pivot frame and said movable internal seat frame to interact with said movable frame seat cushion, said seat back and said headrest to creating said zone restraining occupants kinematics.

4. The collapsible seat in accordance with Claim 3, wherein said automatic activation means comprises a trigger wire with electronically controlled unit to provide required force from a biasing means electromagnetic or pyrotechnic devices to create said zone between said occupant and said collapsible seat cushion, seat back and headrest.

5. The collapsible seat for restraining occupants kinematics in accordance with Claim 4, wherein said collapsible means comprises an actuator pivot link and movable bolt

traveling into guide slot interposing on the both sides of the support structure.

6. The collapsible seat for restraining occupant kinematics in accordance with Claim 1 wherein a plurality of isolation pans positioned on said adjusting mechanism and encapsulated bottom support structure isolates seat assembly from impacted vehicle to diminish reaction to the impact.

7. The collapsible seat for restraining occupants kinematics in accordance with Claim 6, wherein said plurality of isolation pans contain resilient material for the gradual diminishing of horizontal and omni-directional motion to minimize reaction to the impact.